

Mount Vernon High School Home of the Majors

"Majors achieve and thrive together with purpose and pride."



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P.R.I.D.E.	IB Learner Profile	WITHIN OUR SCHOOL
Preparation	<ul style="list-style-type: none"> • Communicators • Inquirers • Knowledgeable • Reflective • Thinkers 	<ul style="list-style-type: none"> • Majors walk with a purpose and; with the goal of arriving to class on-time. • Majors aim to • Majors are available to engage in all aspects of the learning process. • Majors advocate appropriately when they need assistance (academic, behavior, social/emotional). • Majors communicate with teachers and plan in advance for when they are not in class and to follow up on lessons missed.
Respect	<ul style="list-style-type: none"> • Balanced • Caring • Communicators • Principled • Reflective 	<ul style="list-style-type: none"> • Majors use appropriate tone of voice, word choice/language and body language. • Majors are mindful of their environments and conversations. • Majors respect the boundaries and personal space of others. • Majors greet each other and return greetings to others. • Majors follow the expectations set forth by teachers in their classrooms & the SR&R.
Integrity	<ul style="list-style-type: none"> • Balanced • Communicators • Open mindedness • Principled 	<ul style="list-style-type: none"> • Majors are truthful and courageous enough to communicate with staff/peers. • Majors are responsible and accountable for their actions and success. • Majors are mindful of others and respect diverse perspectives. • Majors are aware of their behaviors and how their behaviors can impact others.
Determination	<ul style="list-style-type: none"> • Communicators • Inquirers • Knowledgeable • Risk-Takers 	<ul style="list-style-type: none"> • Majors are committed and present in the moment. • Majors follow through with assigned tasks. • Majors complete tasks to the best of their abilities. • Majors persevere through difficult situations, tasks, conflicts and roadblocks and promptly communicate with teachers/staff for assistance.
Excellence	<ul style="list-style-type: none"> • Balanced • Inquirers • Communicators • Knowledgeable • Reflective • Risk-Takers 	<ul style="list-style-type: none"> • Majors show maximum effort in all that they do. • Majors strive to create balance between school and home and minimize distractions. • Majors self-reflect as they grow and develop into life-long learners. • Majors are able to self-regulate their actions in order to accomplish goals. • Majors are team players and are always willing to lend a hand.



Admin and Counselors

(Shift to the Alpha Model)

Admin <i>Administrador</i>	Alpha <i>Asignación por Apellido</i>
Karen Boyd	A-Der
John Shaffer	Des-Lay
Lashonda Reed	Laz-Ram
Gina Brooks	Ran-Z
Adrian Williams	CSS & STEP

New Alpha <i>Nueva Alfa</i>	School Counselor <i>Consejero/a Escolar</i>
A-B	Bryce Green
C - Ev	Niasharee Frater
Ew-Hop	Ericka Jeter
Hoq-Mc	Mary McAlevy
Md-Pie	Camille Moore
Pif-Sli	Melissa Mentzel
Slj-Z	Paul Guillion
CSS & STEP	Karen Mazzocoli
ESOL Level 1 and 2	Catherine Samper

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Mr. Fernando

cdfernando@fcps.edu

- I teach Geometry Honors and Geometry Regular
- This is my 7th year in MVHS and my 29th year altogether.
- I completed my Bachelor and Masteral degree units in the Philippines.

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Geometry Honors and Geometry Regular

Students enrolled in Geometry honors/regular are expected to have mastered those concepts outlined in the Algebra 1 standards. Students will be learning all of the following concepts in Geometry such as; Geometry Basics and Principles, Logic and Reasoning, Parallel and Perpendicular Lines, Properties of Triangles, Triangle Congruence, Similar Triangles, Right Triangles, Polygons, Circle, Solids, Transformations and Constructions.

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Recommended Supplies for Class

- School Issued or Personal Laptop (Fully charged and ready to use)
- Notebook
- Pencils (Regular and Colored)

Students are recommended to BUY a Graphing Calculator (TI - 84+) for use in doing homework and extra practice at home. However, MVHS is not responsible for the loss or damage of your personal electronic devices, so bringing your personal calculator to school is at your own risk. A class set of graphing calculators is available for use in the classroom or online calculator (DESMOS).

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Geometry Class Grade Determination

Tests - 40%

Quizzes - 25%

Other Assessments - 25%

Homework - 10%

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Procedures and Routines

- **Students are expected to arrive on time and quietly get out the materials for class. If a student arrives after the final bell has rung, he or she must report to the sub-school office to get a pass (face to face sessions).**
- **Students shall not talk over the speaker.**
- **Students shall not use headphones during class nor play audio that can be heard throughout the classroom without teacher permission.**
- **Students shall not use cell phones without permission from the teacher.**
- **Students shall not bring fast food, take-out food, nor any other food or drinks (other than water) into the classroom without pre-established permission from the teacher.**

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Procedures and Routines

- **Students are required by school policy to bring their laptops to class each day (no exceptions), although they will only be used per teacher discretion. Teachers may prohibit the use of laptops or other devices at any time. Any use of a laptop or other device that is not permitted by the teacher may result in the device being confiscated by the teacher to avoid disruption to the learning environment. Moreover, while students are using laptops or computers for assignments in school, they are not to visit unauthorized websites, including social media sites (Instagram, Facebook, Twitter, YouTube, Snap Chat, etc.).**
- **Students are also not permitted to take photographs or record the teacher or fellow students without the expressed permission of all parties involved. Any misuse of technology will result in disciplinary action.**
- **Students shall not pack up their materials nor line up by the door before the bell (face to face sessions).**

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Procedures and Routines

- Passes and leaving the classroom
 - a. Students shall not leave class without a pass and the permission of the teacher.
 - b. Per MVHS policy, no student may leave the classroom during the first 10 minutes and last 10 minutes of class. This also includes going to the bathroom, locker, seeing another teacher, or getting a drink from the water fountain. In addition, any travel that lasts longer than 20 minutes is considered a class cut, as per MVHS policy, and at the teacher's discretion a student may be written up for a class cut for a pattern of leaving the classroom for extended periods of time even if he or she is gone for less than 20 minutes. In general, bathroom breaks should not take longer than about five minutes; if a student is out of class for an extended period of time--in some cases even less than 20 minutes--security may be called to find the student and escort him or her to the sub-school. If the student is out of class for more than 20 minutes security must be called.

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Procedures and Routines

- c. **If a student is feeling ill, then he or she must notify the teacher, so that different arrangements can be made for the student, such as receiving a pass to go to the school nurse.**

Appropriate behavior is a vital component of student success. It is expected that all classroom and school rules be followed and that students come to class ready to participate with their notebooks, binder, pen, or pencil, and any other materials necessary for a given activity or assignment. Disruptions during instructional time will not be tolerated. If a student does not come to class prepared or chooses to disrupt the learning process of other students, that student will be subject to consequences as mandated by the teacher and/or administrator.

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Grading and Assessments

Quarter grades will be based upon the following weights:

- **Tests 40%** - Tests are cumulative assessments of understanding which can include all objectives to that point in the course. Tests are major assessments that can be given in the form of classroom administered or take-home tests, classroom demonstration, or project.
- **Quizzes 25%** - Quizzes are on-going assessments to determine levels of understanding of currently addressed objectives. These are minor assessments that can be in the form of open and closed notes/book quizzes or online checks for understanding.
- **Other Assessments 25%** - This can include notebook checks, group work, classwork, warm-ups, exit tickets or other objective mastery demonstrations.
- **Homework 10%** - Out of class practice that includes all problems assigned for skill attainment

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Grading and Assessments

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Final Grade

The final grade will be calculated as follows: 0.9 (1st to 4th quarter grades) + 0.1 (final exam). Converting final grade to quality points when calculating a student's final course grade for all students is allowed at the teacher's discretion and is required to be considered when a student is in danger of failing the course.



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Grading and Assessments

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Final Exam

All students will take the final exam given in June, which will cover Fairfax County Program of Studies objectives. This grade counts 10% of the overall course grade.

All courses will give a final exam or, preferably, a culminating activity, which may count as a maximum of 10% of the final grade. Senior final exams will be given on scheduled senior exam days; likewise, underclassmen final exams will be administered on underclassmen exam days at the end of the year.



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Grading and Assessments

- **If a student turns in an assignment and earns an F (63% or lower), the grade will be recorded in SiS as an F and will equal 0.7. If a student does not turn in an assignment, it will be coded as NTI (Not Turned In) in SiS and will equal 0. Work marked as NTI can be submitted until the end of the unit.**
- **Grades will be determined by a student's proficiency level on common standards-based assessments, benchmarking, and rubrics based on the type of learning each essential standard requires to support student engagement.**
- **The grade earned at the end of the school year will indicate the level of achievement in accordance with the POS or other designated curriculum.**
- **Assignments will be graded, and grades will be posted within 7 school days after the due date with the understanding that major projects/papers may require additional time to ensure quality feedback.**

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Attendance

ATTENDANCE IS CRUCIAL: YOU CANNOT LEARN IF YOU ARE NOT IN CLASS...

This class will be challenging. Come ready to learn everyday with appropriate assignments completed and required materials. Students absent from class will be required to access Schoology and DeltaMath to retrieve notes and other classroom materials. . If you are having difficulty, please come to office hours for extra help.

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